

Voo Doo Visited; Beer Vanishes

"Voo Doo's" beer consumption came to the attention of the Cambridge Police Department last week. Two officers, investigating in response to an anonymous letter, came to Walker Memorial Monday, November 26, to examine Voo Doo operations.

The officers were met by Robert J. Radocchia, manager of Walker, and were referred to the office of the Dean of Student Affairs. Mr. Radocchia said that he referred them to the Dean because "Voo Doo" was a student activity, and not under his authority.

Following a meeting with Dean Kenneth R. Wadleigh, the police

left the MIT campus and apparently took no further action.

Frank Ansuini '63, General Manager of "Voo Doo," said that the Dean asked him to correct the situation. Ansuini said that all beer has now been removed from the office.

In the past, he stated, "Voo Doo" has customarily kept beer in a locked closet, with several cases available to the staff on make-up night. Ansuini added that last year beer consumption was about nine cases per month and that he believes it is the same this year.

It is believed that the police

were concerned with a possible violation of the Massachusetts drinking laws, which prohibit an adult from selling or giving liquor to persons under 21. Most of the "Voo Doo" staff members are under 21.

The letter which sparked the investigation cited "Voo Doo's" beer consumption as 30 cases a month, and said the magazine was "filthy." Ansuini described the letter as "making it sound as if 'Voo Doo' had a bordello on the third floor."

It is believed that the Cambridge police have been under pressure from the Massachusetts Alcoholic Beverage Control Commission to enforce the liquor laws on university campuses.

The Cambridge police chief, Daniel J. Brennan, has asked Dean Wadleigh to cooperate in applying the liquor law to parties. Specifically, this would mean that a "one-day" liquor license would have to be obtained by any group intending to sell beer to partygoers. Sale of tickets which carry liquor privileges would also be affected. The Dean indicated he would review the situation and agree upon a procedure with the police chief.

The Dean's office is consulting the Institute's attorneys with regard to the general area of student drinking.

Quiz Scores Plummet

Math Department Revises 18.01 Calculus Curriculum

By John L. Schwartz

The drop in the class average on 18.01 quizzes this year has resulted from the addition of new material to the course, according to Prof. Arthur P. Mattuck, who has taken charge of the course this year.

While last year's average scores on hour exams was about 70%, the average on this year's second quiz was only 56%.

Supplementary Problems Given

Along with regular assignments from the Thomas Text, the freshmen have been confronted with supplementary problem sheets posing difficult questions on differentiation, integration, function theory and other topics.

Explaining the reasons for the additions to the course, Mattuck cited a need for greater analysis of practical problems encountered today in engineering and physics.

He hopes that the supplementary problems will give students experience in analysis of more complicated problems stressing basic concepts and thus prepare them for problems in engineering in which a feeling for what is happening with a function qualitatively is far more valuable than just the ability to compute numerical values.

Mattuck emphasized, however, that the traditional methods and problems of the calculus are of utmost importance to the student and said, "If it is reasonable to expect a student to learn to prove a side-angle-side problem in geometry, isn't it perfectly reasonable to expect him to prove the basic theorems of calculus?"

Integration Problems

On a recent supplementary sheet, the freshmen were asked to consider the relative values of several integrals without actually evaluating them. This problem made the students go back to the definition of the integral as a summation of geometrical areas and think over all its implications.

Mattuck said that the supplementary material will be continued in the presentation of 18.02 next term. Moreover, next year's freshmen will also have supplementary problem sheets to contend with. However, Mattuck said that he hopes to make the transition a little easier for next year's frosh as a result of his experience with the class of '66.



Vol. 82, No. 25 Cambridge, Mass., Wednesday, Dec. 5, 1962 5c

Referendum

E. C. Delays Rift; Suggests Dormcon Amend Rules

East Campus may secede from Dormitory Council. Epi Embiricos, '64, made the motion at the November 15 House Committee meeting. Having been discussed considerably, the motion was automatically tabled.

In the two weeks before the following Housecom meeting, behind-the-scenes political maneuvering resulted in some changes in attitudes. Hence, Embiricos did not recall his motion from the

table, but instead, moved that the following amendments be proposed to Dormcon's constitution and by-laws:

(a) — Give house constitutions priority over the Dormcon constitution in matters of conflict.

(b) — Require the payment of the house tax directly to the Housecoms (presently Dormcon refunds half the amount).

(c) — Remove the fine for absence at Dormcon meetings.

(d) — Require unanimous approval to amend the Dormcon constitution in matters directly affecting house committees.

(e) — Prevent Dormcon from reversing house committees' decision.

(f) — Eliminate Dormcon's right to withhold funds to the house committees.

(g) — Eliminate Dormcon's responsibility for a student directory (APO presently handles this).

(h) — Require equal space in the Dormitory Handbook for each House.

Considerable discussion followed this. Mike Morrissey, '64, Burton Housecom President, said that the amendments might not be "palatable" to Dormcon. He suggested, "Get a little bit broader picture," although he agreed, "I think you've done a good thing by raising questions."

The motion finally passed by a 15-4 vote. The motion also proposed a referendum, to be held December 6, on the question:—"Should East Campus Secede in the event that Dormcon turns down the suggested amendments?"

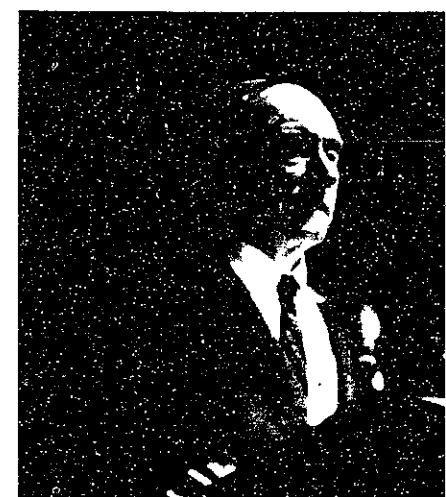
During debate, former Dormcon Judcom head Ken Gentle, '62, labeled oppression of Housecoms by Dormcon (a principal secessionist argument) a "false issue." He said that appropriation was the real controversy, and suggested that unanimous approval for social spending be required in Dormcon. The reconsideration motion was subsequently defeated 12-6.

Final Exam Schedule Out

All students should obtain a final examination schedule now at the Information Office, Room 7-111.

Exams not listed or a conflict of exams, such as two exams in the same period, must be reported to the Registrar's Office by Friday, December 21.

Robert Penn Warren Recites His Poetry



Robert Penn Warren read his poetry in Kresge Auditorium last Friday in a program sponsored by the Lecture Series Committee. LSC presented the movie of Warren's Pulitzer Prize winning "All the King's Men" on Thursday. —Photo by Conrad Grundlehner

All New Coeds Will Live In Women's Dorm

By Mona Dickson

When the new Women's Dorm opens in September, coeds of the class of '66 and all new coeds, will be required to live there.

At a meeting with the coeds last week, Frederick G. Fassett, Dean of Residence, said the girls will have a woman superintendent, night watchman, three maids, linen service, and twenty meals a week, as well as single or double rooms. Room and board will be \$1100 per year.

Fassett added that living in the dorm will be "a better way for people to live." He said the situation is similar at various schools in this area including Radcliffe, Wellesley, Simmons, Vassar and Pembroke.

But one coed replied: "We're not Radcliffe girls! We're not Wellesley girls! If we were we wouldn't be here!"

Jay L. Marden, Assistant to the Vice President of Operations and Personnel, said, "Living on campus is an educational tool."

Some of the coeds were less enthusiastic. One said, "Living in an apartment is just as much of an educational tool as living in a dorm."

These coeds, mostly upperclasswomen, dislike the idea that some students are to be "forced" to live in the dorm. They prefer a plan of living in the dorm for the first two years and then having the choice of continuing there or getting an apartment.

However, some representatives of the class of 1966 replied that they do not object to the requirement, which applies to them and not to upperclasswomen.

This Monday night Dean Fassett said that the requirement was made by the Institute because the administration feels it is in the girls' best interests. "There was no other reason for making the rule," he said.

The rules for the new dorm will

New Housemaster

Bryant Assumes Duties In Dorm

Prof. Lynwood S. Bryant has been appointed housemaster of the new residence for women that will open next September. He is associate professor of English and history.

Professor Bryant, a native of Keene, N. H., was graduated from Harvard University and received a master's degree there in 1938. He came to MIT as an instructor in English and history in 1937. He became director of the Technology Press in 1957 and guided its transition to the MIT Press in 1962.

Mrs. Bryant was graduated from Radcliffe College in 1934 and received a master's degree from Mt. Holyoke College in 1941. She has been assistant director of admissions at Radcliffe since 1961 and will continue to serve in that capacity.



Lynwood S. Bryant

be decided between the coeds and the housemaster, Professor Lynwood S. Bryant of the Humanities Department. It is expected that curfew will be 11:15 p.m. for freshmen and unlimited lates until Thanksgiving for freshmen. After Thanksgiving the curfew will be 1 a.m. and unlimited lates.

There will be no curfew for upperclasswomen.

The number of coeds will gradually be increased. Kenneth R. Wadleigh, Dean of Student Affairs, said that there will be 35 freshman coeds next year. The new dorm will hold 116 girls. Next year it will have about 60.

Inscomm Hears Committee Statements

By Joseph Sullivan

A new policy governing the use of bulletin boards and booths has been endorsed by Inscomm.

In an ad hoc decision, the Institute Committee unanimously accepted an Activities Council policy statement that gives first priority to MIT activities sponsoring internal events.

The statement has been opposed by the Secretariat in Inscomm on the grounds that Activities Council does not have jurisdiction over the facilities.

The dispute will be more fully discussed at the next Inscomm meeting.

In other business, UAP Woody Bowman reported that Open House would definitely be held this spring, and that plans were being formulated for the events of Open House.

The Student Center Committee reported that it had decided no alcoholic beverages would be served in the Rathskeller. Also, the Rathskeller will be aimed at snacks, not at big dinners. The

bowling alleys will probably have a manned snackbar specializing in take-out orders.

Tom Jones, Freshman Class President revealed that the Freshman Council would put out its own quiz book, issuing it at cost. He added that Beaver Pins will be sold in February.

The Public Relations Committee reported that they were working with the Alumni Association on organizing MIT students, applicants, and alumni for the purpose

(Please turn to page 5)

College World

College Entrance Requirements Hit By N.Y. Supreme Court Justice

By Toby Zidle '63

Does it pay to take honor courses in high school? Melvin Lesser, of New York City, thought it would. He wanted a career in engineering and math and was advised by officials in his high school to enroll in a special honors program called the "scholarship bloc."

Through this program, Melvin finished three years of high school in 2½ years and applied for admission to Brooklyn College. But, alas, Melvin's average was 84.3 per cent, and Brooklyn College requires 85 per cent for admission. Admission was denied.

The decision came as a great shock to Melvin and his parents, so they took the matter to court. The result was a finding by the State Supreme Court of New York that put Melvin into college. Justice Louis B. Heller ruled that the college officials had made an "arbitrary, capricious and unreasonable" decision. Denying Melvin's admission, Judge Heller suggested, would be penalizing him for enrolling in an honors program and would encourage students to take easy courses instead.

Noting that Melvin's high school had failed to indicate his enrollment in the scholarship course on his transcript, Judge Heller asked, "Why should parents advise their sons or daughters to take the more difficult program, which not only gives them far more work, but jeopardizes their chances to gain admission to one of our city colleges?"

Brooklyn College officials are considering an appeal of the decision which could have nationwide repercussions on college admission policies.

Automated Doctors

Repercussions may ultimately be felt in the field of medicine as the result of a \$16,170 National Institute of Health grant to the Tulane University School of Business Administration. The money is to be used to determine whether electronic computers can be used as a tool in the process of medical diagnosis.

Physicians in the New Orleans area are cooperating in the project. They are testing the capability of computers by playing against them in a very serious "game" designed to determine whether the computers can symptoms to diseases.

The real value of the computers, said Dr. Joseph L. Balintfy, director of the project, would be to provide physicians with data not normally available in concise form.

Diagnosis On The Charles

It didn't take a computer to find out what's wrong with the Boston University sailing teams. According to BU's sailing coordinator James Bonney, the problem is lack of practice. And the cure (to the dismay of crew teams on the Charles) is to build a new sailing pavilion.

The Metropolitan District Commission has given its approval to University plans for the pavilion. The proposed structure would be located in back of the "Castle" and would project 30 feet into the Charles. The new clubhouse is planned to resemble that of MIT, providing room for boat storage, toilet facilities, and meeting-recreation areas.

Repair work is now under way on two floats donated to BU by Harvard. "These floats are stepping stones to a permanent sailing pavilion," said Bonney. BU has already built a 26-foot wooden ramp to provide access to the off-shore floats.

A New Dimension

A new dimension has been added to the liberal arts education by the University of Pennsylvania. The University has announced the establishment of the first department of Folklore in the United States.

Under the chairmanship of Professor MacEdward Leach, the new department will offer courses leading to M.A. and Ph.D. degrees. Its ultimate aim, according

to a university spokesman, is to satisfy the undergraduate demand for a program in folklore. A limited number of undergraduate students with special permission will be able to enroll in the graduate courses.

Penn had previously offered a few folklore courses, such as "Folk Song and The Ballad," in conjunction with its literature department. Grad students will now be able to choose from a variety of courses, including "Literature and Lore of the Negro in the New World" and "Beginnings of Literature," a survey course of migratory legends and fairy tales.

The new department hopes to prepare students for the teaching of folklore, folklore research, and museum curatorships.

As everyone realizes, the ultimate test of one's liberal educa-

tion is one's ability to finish the New York Times crossword puzzles. You can imagine the dismay (and indignation!) of a liberally-educated Yale grad who found himself unable to come up with a 10-letter word for "For God, for country, and for Yale."

He waited impatiently for the solution in the next issue of The Times. Getting the paper, he opened it right up to the crossword section. There, staring up from the "Yale" box was the 10-letter word: ANTICLIMAX.

Shortly thereafter, an irate letter from a Yale graduate appeared in The Times. "I presume," wrote the author, "that this definition was created by a Harvard man."

Not so, replied The Times. The definition was supplied by a Smith graduate — married to a Yale man for 34 years.

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THE ANSWER:

BMOC

Submitted by Lewis Bartula, Wayne State U.

THE QUESTION: How do you spell comb backwards?

THE ANSWER:

THOR

Submitted by Charles Fugle, Brown U.

THE QUESTION: What do you get from thitting on a thaddle all day?

THE ANSWER:

Not By Bread Alone

Submitted by Marilyn Singer, U. of Toledo

THE QUESTION: How is a really good sandwich made?

THE ANSWER:

Study Hall

Submitted by George Hansen, U. of California

THE QUESTION: Which building was dedicated to Dr. Alfred R. Study?

THE ANSWER:

The Red Pony

Submitted by John Graba, Syracuse U.

THE QUESTION: What is the backbone of Communist China's cavalry?

THE ANSWER:

Baby Booties

Submitted by Gail Smith, U. of Texas

THE QUESTION: What plunder do baby pirates get?

THE ANSWER IS:

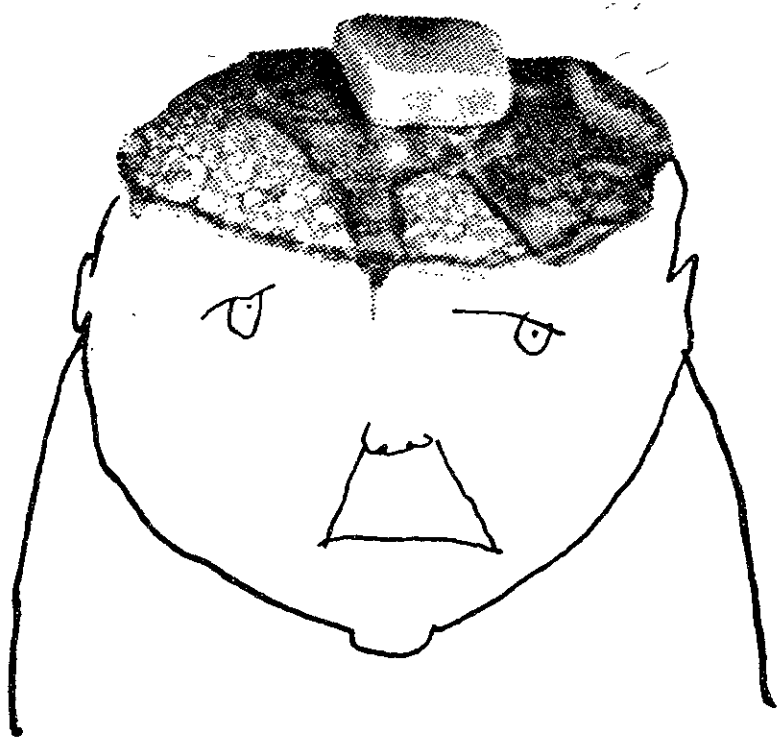
Get Lucky

the taste to start with...the taste to stay with

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From One Square To Another...

(A paid advertisement of a non-political nature sponsored by the committee for saner social relations.)

What's happened at the HONEY BEE (700 Mass. Ave., Cambridge) that has triggered such a mass migration from M.I.T. to Central Square over the past ten days?

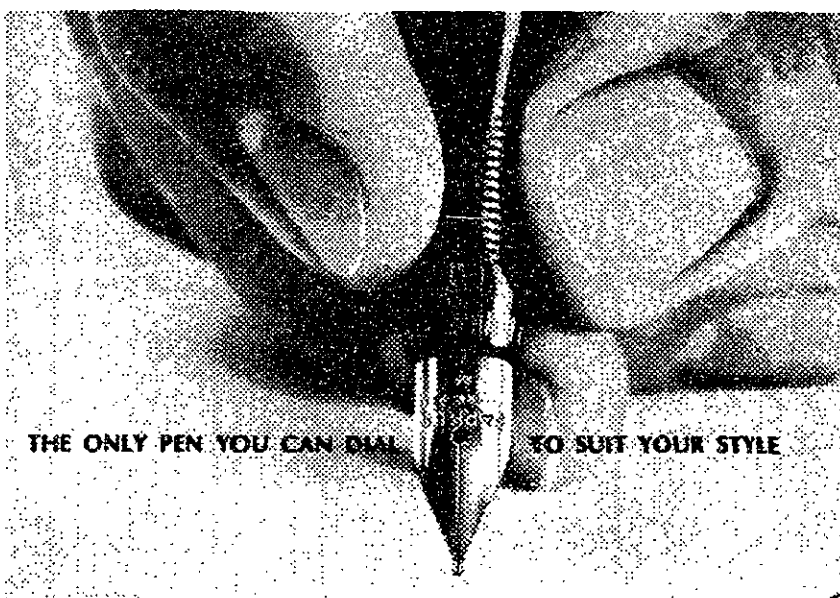
Is it true that several M.I.T. graduate students have received a HONEY BEE research grant which may eventually result in a compressed air device which will automate the player piano? Reliable reports indicate that the Young Waitress League (which now holds the pumping contract) intends to air charges on the subject and a strike vote is in the wind.

Will the committee on internal policies be successful in their attempt to stifle the managers motion to substitute baskets for beanpots as holders of the free goodies? Will a decision be made on this important subject prior to the executive committee meeting scheduled for Christmas morning?

Will the motion to provide study hall facilities for shop students on Monday and Tuesday evenings be defeated? Will the beer and book seminar now being held from 9:00 P.M. to 11:00 on Wednesday and Thursday evenings continue to receive favorable committee support, or will the motion in favor of providing 65 scantily clad chorines prevail?

These and other questions of import make up the formidable agenda that faces every thinking person over 21. Join hands with the 3 or 4 others that now regularly patronize the Honey Bee at 700 Massachusetts Avenue, Cambridge, centrally located between Harvard and M.I.T. The Honey Bee is strategically lodged in a quaint but sturdy brick building (excellent protection in these perilous times) and is easy to find. Be sure to come.

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THE TECH

Vol. LXXXII No. 25 Dec. 5, 1962

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Help: International

Help: International, TCA's annual charities appeal, began Monday, December 3, and will extend to Saturday, December 8. Because of MIT's large participation in international science, TCA has chosen to embark on an international theme for this year's campaign. CARE, International Red Cross, American Friends Service Committee, World University Service, and The International Student Association of Greater Boston, will be the recipient organizations of **Help: International**.

A reminder: This is the only charities appeal which involves the entire student body. Join together and "Help Internationally"—give once, but give generously.

Crossroads

Elsewhere in this paper there appears the announcement of the final recruiting meeting for 1963's Operation Crossroads Africa, a program to place American college students into African work projects for a summer.

While it is true that the new African nations often do not need the kind of unskilled labor which Crossroads supplies, this is more than compensated by working on projects which, for lack of funds, would not otherwise be attempted. More important to us, Crossroads is also filling a need for Americans who have at least some working knowledge of Africa.

In its effects, however, the program goes beyond specifically African education by bringing students in contact with situations common to all the world's developing countries. We have been told by past participants that having to carry

water two miles to camp or living where the villagers' daily diet consisted of two pounds of famine relief corn put the problems of American day to day life in a somewhat different perspective. Walking down the streets of Lagos or Nairobi helps dispell the majority of impressions acquired through contact with the various exploits of Tarzan.

As one of Operation Crossroads Africa's sponsoring schools, M.I.T. has put itself on record as recognizing the need for African education among our students and more important, Crossroads Africa's ability to do the job. We can only add our second.

Another Aftermath

It was with some sadness that we read an item in *The New York Times* of December 1 reporting that the committee on students' rights and activities at the University of Mississippi had formally denounced the editor of the campus newspaper, Miss Sidna Brower, for her editorial assertions that students were in part responsible for the campus riots accorded James Meredith upon his enrollment.

Though this protest is in itself a necessary expression of free opinion, the article went on to say that in fact the reprimand officially put Miss Brower on notice either to officially apologize in the paper's next issue or face pressure for her resignation.

We find it ironic that it was left to the committee on students' rights to dictate what the campus press can and cannot print. It would have been well for them to realize, however, that exercise of this power to limit people's expression on campus could only hurt their cause. Whether or not the committee gained their inspiration from the recent example of South Africa's Sabotage Act is an open question, but the effect of each of these decrees is the same: an underlining of the basic lack of viability in the system it seeks to preserve.

Although it appears that the U Miss student committee on students' right and activities has won a victory, it is a victory only in the short run and we would guess that in the case of Mississippi, especially now when even its regional accreditation is on the line, the short run is very short indeed.

Educational Washington

(WASHINGTON) — Federal grants and loans for construction of dormitories, cafeterias, and other facilities may no longer be available to segregated schools.

Since the government began lending and giving money to both public and private institutions of higher education in 1950, many southern schools with segregated student bodies have built up their campuses with federal funds.

For example, the University of Mississippi, scene of last month's integration riots, was listed earlier this year as having received more than \$21 million in the past 12 years.

But President Kennedy's recently issued order against the use of federal funds in the construction of segregated facilities will change this picture.

The question that no government official can answer flatly is whether the order will actually end segregation at schools using federal money to improve their physical plants.

In other words, it might not apply to a southern university with an all-white student body because there are no negroes on campus to be discriminated against.

Here is a breakdown of F.H.A. money which has gone to southern schools since 1950, compiled last February by Senator Wayne Morse, D-Ore., a member of the Senate Labor and Public Welfare Committee:

Alabama, including the State University, \$23 million (m); Florida, \$36 million; Georgia, \$22.9 million; Louisiana, \$39 million (m); North Carolina, \$33 million (m); South Carolina (not including Clemson), \$14.5 million (m); Tennessee, \$25.2 million (m), and Virginia \$9.2 million m).

Most of the major universities and colleges in these states have all-white student bodies. How the order would affect future grants and loans to these schools is yet to be determined.

Taking any action against schools which have received federal money in the past has definitely been ruled out. The government agencies involved, after Justice Department consultations, said the order will effect only those schools applying for federal grants or loans after Nov. 20, the day Kennedy announced the order.

The major responsibility for determining enforcement of the order will be held by the President's Committee on Equal Opportunity in Housing. This cabinet-level group was created with the issuance of the executive order, but no one has yet been designated to the panel.

Kennedy is expected to name a member of his White House staff as chairman and executive director of the panel. The rest of the committee will be made up of members of the public, the cabinet, and the various federal agency officials.

One of the most important decisions to be made by this committee will cover the secondary effect of a federal or court order demanding integration at a school.

Some Justice Department officials say this should be grounds for denying federal funds to the school in question. Others, however, said this doesn't actually affect the use of the federally assisted facilities.

Court action by the federal housing agencies in some future cases is almost a sure bet. Southern resistance, such as that seen in Oxford, Miss., is expected.

(WASHINGTON) — The Post Office Department has notified its 35,000 stations that refusing to swear allegiance to God is not adequate grounds for refusing an applicant a job. The action resulted when a Washington area college student, with the help of the American Civil Liberties Union, refused to sign an oath affirming his belief in God in order to get a Christmas job at the post office.

Teter, an agnostic, had balked at a similar oath last year. The Air Force ROTC oath at the University of Maryland required students to swear "so help me God." Teter, with Speiser's help, forced the Air Force to drop "so help me God" from its oath of allegiance.

To persuade the Post Office that it should not require Teter to acknowledge God, Speiser cited a 10-year-old federal appellate court opinion in a California case. In that case Speiser had been the attorney for an army private who didn't believe in God. The soldier, an alien, had joined the army to speed up his naturalization as a citizen. The Naturalization form required belief in God. A lower court ruled he couldn't become a citizen, but Speiser, representing the Northern California branch of the ACLU, persuaded the higher court to reverse the ruling.

Speiser won an even more important decision before the Supreme Court last year in the case of *Rey Tercase*. Tercase had been refused a notary public's job because he refused to swear belief in God. The High Court ruled in an unconstitutional requirement. In effect, it said belief in God was not required to hold public office.

Having heard Speiser's argument, the Post Office last week decided to hire Teter, and to notify all branches that allegiance to God is not sufficient grounds to refuse to hire an applicant.

A spokesman for the Post Office said, "No one has refused the oath since Benjamin Franklin founded the Postal Service."

Most cases like Teter's "are started by a misunderstanding," Speiser said in an interview.

The Federal code, he said, clearly states that a person can either swear or affirm an oath to the country. "The affirmation was developed for the Quakers," he said, "he thought swearing violated the commandment of taking God's name in vain."

Kibitzer

By MICHAEL LINAR

NORTH
 ♠ A 10 7 6
 ♥ 4
 ♦ 10 9 3
 ♣ K Q J 8 4

WEST
 ♠ 8 4
 ♥ Q 10 7 5
 ♦ K 4
 ♣ 10 9 7 5 3

EAST
 ♠ K Q J 9 3
 ♥ 6 2
 ♦ 8 7 6 5
 ♣ 6 2

SOUTH
 ♠ 5 2
 ♥ A K J 9 8 3
 ♦ A Q J 2
 ♣ A

Neither side vulnerable. South dealt. The Bidding:

SOUTH	WEST	NORTH	EAST
1♥	pass	1♠	pass
3♦	pass	3 notrump	pass
4♥		ALL PASS	

West led the eight of spades: Today's hand was sent in by Marcus Cohen, a co-op student, who came across it in a club game in Syracuse, New York. It features an unusual play which few will find.

It is unfortunate that West found the killing lead of the eight of Spades, since it removed declarer's entry from the board before he could get pitches from the blocked club suit. The natural thing to do is to win the first trick with the Spade Ace, and then lead a trump to finesse the Jack.

Each of these plays is incorrect by itself, and in this hand the result of using them will be down one, for declarer will lose two hearts, a spade and a diamond. Declarer should not attack the trump suit by finessing the Jack. The proper play is to lay down the Ace and King: If either the ten or Queen falls doubleton he is assured of one loser only. Likewise, if the suit breaks three-three, one trick only will be lost. The finesse wins only 50% of the time, whereas the play of the Ace and King wins 65.8% of the time.

There is an additional factor in this hand, however. West's opening lead is almost surely from a doubleton. If declarer can clear West's hand of spades and then throw him in with a trump, declarer may force an entry to the board by endplay.

To bring this about, it is necessary to duck the first Spade trick. If a spade is continued, declarer wins the Ace, then leads a club to the Ace in his hand to unblock the suit. He now lays down the Ace and King of hearts. Neither the ten or Queen falls doubleton, but declarer still has two chances. The suit may break three-three, or if it does break four-two and he must lose two

trump tricks, it is possible that West will have to win them and be employed. The latter is exactly what happened.

When West wins his trump tricks, he can exit from his hand either with a diamond, which will enable declarer to drop his King, or with a club, which will enable declarer to pitch his diamonds on dummy's clubs.

This hand contains two plays which should be remembered. The duck at suit play, and laying down the top honors first from Ace-King-Jack-nine-x-x opposite a singleton are both well thought-out plays of expert caliber.

PUZZLER

Answer To Last Week's Hand:
 You South hold:
 ♠ K 10 7 6 5, ♥ 5 4 3, ♦ Q J 10, ♣ Q 5

The bidding has proceeded:

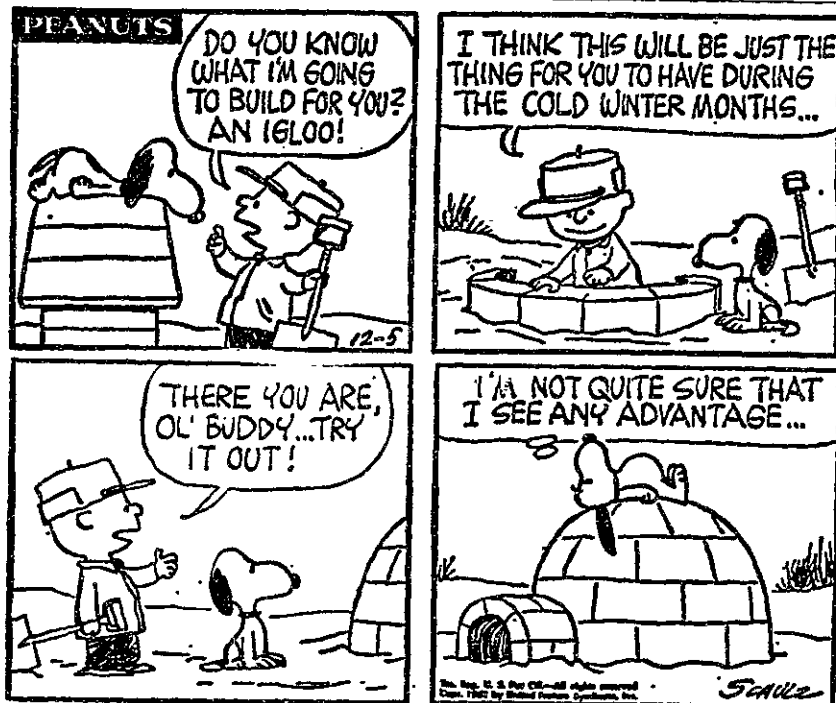
WEST	NORTH	EAST	SOUTH
1♥	2♥	pass	2♠
pass	3♥	pass	3♠
pass	4♥	pass	

What do you bid now? Six diamonds. Partner is showing a minor suit "Bomb" with at least ten cards in the minors and outside controls in hearts and spades, and he would have opened a demand bid had not West opened first.

This week's hand: You South hold:
 ♠ 9 7, ♥ 6 2, ♦ J 4, ♣ Q J 10 9 6 4 3

Your partner opens the bidding with One Notrump (16-18 pts.)

What do you bid?



PEANUTS appears daily and Sunday in the Boston Herald.

Peace Corps Director Cites Need For Science Teachers

By Anthony Pappas

Dr. Joseph F. Kauffman, Director of Peace Corps Training, outlined the roles that MIT students could play in the Peace Corps in a talk last Wednesday in the Hayden Library Lounge.

In particular, he noted that there is a large need for candidates who are able to teach science and mathematics and, consequently, many opportunities for MIT students.

During the past session Congress authorized an increase in the Peace Corps to ten thousand volunteers by December 31, 1963. At present, there are 3,600 volunteers

in approximately forty nations. Dr. Kauffman hopes to train an additional 1,000 during the spring and 3,500 more this summer.

The average age of the Peace Corps members is 25. More than one-third of them are women, involved in nursing, teaching, child-care, home economics, and related projects. Sixty percent of all Peace Corps members are engaged in some sort of teaching capacity, usually at the secondary school level.

Candidates for the Peace Corps are put through an intensive training program. The program is specific, designed to prepare a person for a definite task. It includes ten to twelve weeks of language training, followed by area studies dealing with the culture, history, religion, and values of the host nation.

There may be additional technical and professional training. There is also training in first-aid and some physical conditioning. A few candidates go to camps in Puerto Rico for further work. At the conclusion of training, the volunteers are selected. Dr. Kauffman stated the attrition rate for the training period was 15%.

Successful candidates receive a monthly allowance based on the cost-of-living in the host country. This is to provide for their living and personal expenses. In addition, \$75 a month is accumulated in the United States. This sum accrues to each volunteer when he returns home.

Dr. Kauffman remarked that



—Photo by Joe Baron
Dr. Joseph F. Kauffman

living conditions abroad were not as primitive as we may think. Many of the Peace Corps members have comfortable quarters in national or provincial capitals. He emphasized, however, that the Peace Corps exists because there are problems in these nations, and we should not minimize them.

Prospective Peace Corps volunteers should not expect professional satisfaction, in a strict sense, if they join. Many of their assignments overseas do not require a great deal of professional competence. To promote people-to-people relations, the Peace Corps does not place its members in upper-level positions. Thus, no engineer should expect to work in a supervisory position in constructing a dam or planning a housing development. To be satisfied with the Peace Corps, volunteers must have an interest in foreign peoples and cultures.

"Hand-Craft Industry"

Construction Still Primitive

"Who will provide the leadership in bringing the building industry into pace with 20th century technology?" This was the subject of a talk by Mr. B. J. Sabaroff before the Civil Engineering Department Seminar last Thursday.

Sabaroff, a graduate student in civil engineering, demonstrated with a visual presentation that throughout history cultures have consistently produced buildings and structures in advance of their other production techniques.

Now, he stated, the United States' construction industry has fallen far behind its other industries. Although some attempts at prefabrication and mass production are being made, construction is still largely a hand-craft industry.

Sabaroff stated that it is necessary for the growth of our society that our building industry be brought technologically into line with the 20th century. He stated that the problems of production methods, transportation, and safety will have to be faced.

He also pointed out that mass production of buildings does not necessarily imply conformity of the final products.

The source of leadership for the modernization of the building industry is also a major problem, according to Sabaroff. He mentioned that shortly after the Sec-

ond World War, many defense plants had considered applying modern production techniques to the building industry, but that the continued need for defense equipment had prevented their entrance into this area.

Stating that the architect is not familiar enough with production techniques and the engineer too specialized, Sabaroff concluded that the leadership for the modernization of the building industry must come from industry with the support of educational and financial institutions, and that future architects and engineers must be familiar with the problems of all areas of construction as well as their own.

Stokes Talks On Negroes

"American Negroes in the North" is the topic to be discussed by Dr. Olivia Stokes, first vice president of the Boston Chapter of the NAACP, at 7:00 p.m. Sunday, December 9, at University Lutheran Church.

Inscomm

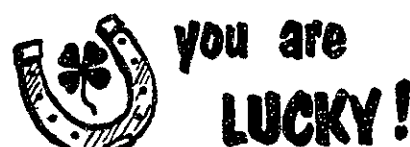
(Continued from Page 1)

of discussing student life at the Institute. Already, a Christmas meeting has been arranged in Washington, D.C.

It was reported that a permanent Entrepreneur Committee would be set up before the next Inscomm meeting. The committee will act as a regulatory body and a clearing house for any student business on campus.

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Meeting Place
MIT Chapel

Message to BS & MS Candidates
—Engineering and Physics

ANNOUNCING A NEW CENTER OF CONCENTRATION IN SPACE TECHNOLOGY GENERAL PRECISION AEROSPACE

To meet the nation's burgeoning requirements for space exploration, General Precision has launched an endeavor focusing on aerospace systems with strong emphasis on guidance and control. These broad efforts will be centered in a rapidly expanding complex of laboratories, developmental and production facilities.

KEARFOTT FIGURES PROMINENTLY IN NEW COMPLEX

Supported by Kearfott's widely respected scientific staff and technical facilities, General Precision Aerospace is further strengthening its capabilities with a major Research Center for Space Sciences and a recently formed Aerospace Systems Division. Evidence of this group's commanding technical posture lies in its initial assignment, a program to provide stellar-inertial guidance for a mobile mid-range ballistic missile. And beyond this are advanced programs supplying major guidance and control systems for projected missiles and space vehicles.

IMMENSE OPPORTUNITY AT GROUND-FLOOR LEVELS

Still in its formative stage, this new scientific community is rich in openings for talented young men capable of early growth toward leadership positions. Working with a select staff of scientists and engineers, they will find a flexible atmosphere open to fresh thinking at all levels.

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During the incoming graduate's initial year, a formal professional training program allows unusual latitude for young scientists and engineers to "get the feel" of areas pertinent to their interest. The graduates are assigned to a specific engineering division akin to their interest and qualifications and during rotation may elect permanent assignment to a specific laboratory when their interest is defined. Advanced degree holders may choose an immediate assignment parallel to their preference and training. To the right are several broad areas where current assignments exist:

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Circuit Development
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Brecht Drama At BU Dec. 13-15

Bertolt Brecht's anti-Nazi drama, "The Private Life of the Master Race," will be presented at the Boston University Theatre December 13-15 under the direction of Edward Thommen.

Professor Thommen is director of Cape Cod's Provincetown Playhouse and of the annual Vincent Club productions in Boston, as well as assistant professor in the theater arts division of Boston University's School of Fine and Applied Arts.

He previously directed "Oedipus at Colonus" at the University to open its 1960-61 series on the changing role of the hero in drama.



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			5	6	7	8
9	10	11	12	13	14	15

This Week

Musko
Belafonte—Through Dec. 9, Donnelly Memorial Theatre, 8:30.
New England Conservatory Renaissance Ensemble—Dec. 5, 8:30, Jordan Hall; Spanish Renaissance music; no charge.

BU Symphonic Band—Dec. 5, 8:30, School of Fine and Applied Arts Concert Hall; "Lads of Wamphray" by Percy Grainger, "Introduction" and "Allegro" by Peter DeLone, Honegger's "King David" sung by Choral Union.

"Madame Butterfly"—Boston Opera Group, Dec. 5, Harvard Square Theatre, 8:30; in English, Oriental cast.

Boston Symphony Orchestra—Dec. 7, 2:15, Dec. 8, 8:30, Symphony Hall; Stravinsky's Divertimento, "Le Balser de la Fee," Allegorical Ballet, Mahler's Symphony No. 4 in G major, Virginia Babbalanza, soprano, Lester Flaatt, Earl Scruggs and the Foggy Mountain Boys—Dec. 7, Jordan Hall, 8:30; tickets \$3.50, \$2.80, \$2.20.

Juilliard String Quartet—Dec. 9, Kresge Auditorium, 3:00; chamber music of Mozart, Schubert and Brahms; tickets \$2.50.

"La Traviata"—Goldovsky Opera Theatre, Harvard Square Theatre, Dec. 9, 2:30; in English; tickets \$2.40, \$3.60, \$4.60, \$5.20, \$5.90.

Jeanne-Marie Darre—French pianist, Dec. 9, 3:00, Jordan Hall.

Harvard Glee Club and Radcliffe Choral Society—Dec. 9, 3:00, Gardner Museum.

Handel's "Messiah"—Symphony Hall, Dec. 9, 2:30, Dec. 10, 8:00; complete, uncut version Dec. 9.

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Next Week

"The Private Life of the Master Race"—Dec. 13-15, Boston University Theatre, 8:30; tickets \$1.50, \$1.00; reservations call KE 6-9121.

New England Conservatory Chorus—Christmas concert, Dec. 13, Jordan Hall.

Ayn Rand—"The Fascist New Frontier," Dec. 16, Ford Hall Forum, Jordan Hall.

90 Seniors Warned Of Photo Deadline
About 90 seniors have not yet returned the proofs of their senior portraits to the Technique photographer in New York City. Unless seniors return their proofs before next Monday to Delma Studios, 9 West 20th St., N.Y.C. 11, N.Y., the studio may have to choose the best prints.

Dec. 8, 2:15, Tower Court Great Hall, Wellesley College.
Baroque Chamber Music—Dec. 9, Jewett Auditorium, Wellesley College, 8:00.

Movies And Theater
"Love for Love"—Loeb Drama Center, Dec. 6-8, 10-15, 8:30; tickets \$1.50 weeknights, \$2.00 Friday and Saturday.

LSC Classic Series—"The Story of Gosta Berling," Dec. 7, Room 10-250, 8:30, 9:00. "Gosta Berling" based on the book by Selma Lagerlof, was one of Greta Garbo's first films. (She was 17 years old when this film was made.) Mauritz Stiller directs. (Sweden, 1923). Also, Arne Sucksdorff's "Trut!"

LSC Entertainment Series—"Picnic," Dec. 8, Room 10-250, 5:15, 7:30. "Picnic," in Cinemascope and color; William Holden, Kim Novak, Rosalind Russell, Betty Field. (The earthy story of a drifter whose visit to a small town affects the inhabitants in various ways.)

"Columbo"—Dec. 8, 8:00, Alumnae Hall, Wellesley College.

Lectures
Professor Nelson Goodman—"Reality Remade: The Nature of Pictorial Representation," Dec. 5, Pendleton Hall, Wellesley College, 7:45.

Dr. Margaret Mead—"The Growth of Violence and Non-violence," Dec. 9, Ford Hall Forum, Jordan Hall, 8:00.

music . . .

Symphony Is Satisfying

By D. L. Morse

The MIT Symphony, under the Baton of John Corley, presented its formal fall concert last Saturday evening to a capacity audience in Kresge Auditorium. The program was well-received, as the orchestra played with greater discipline than in its previous appearance at the Combined Concert.

The evening opened with the first performance of Symphony No. 1 by Nikos Hontzeas. The composer has achieved an unusually wide range of tone color and mood, and appears to have added a substantial new piece to the orchestral literature. The orchestra played with only occasional stumbles; mostly in the lower woodwinds, and these were never enough to make one uncomfortable or to detract from the excitement of the work.


The first part of the concert closed with the Mendelssohn Concerto for Violin in E Minor, with Harvey Picker 63 as soloist. Mr. Picker achieved a fine tone quality and lyric style, but the volume of his playing was not as great as one would expect. The accompanied passages tended to get lost under the orchestra, and one had the feeling that the soloist was playing more for Mr. Corley's benefit than for the audience. The solo passages, particularly the cadenza in the first movement, were brilliant and clear and once one had attuned one's ears to the discrepancy in strength between the orchestra and soloist, the result was a competent performance by all concerned.

The program closed with Saint-Saens' Third Symphony, which uses two pianos and an organ in addition to the more usual instruments. The organ is not used here as a solo instrument, but adds color to the texture of sound from the orchestra. This it did very well, but the sound from the orchestra was no longer as polished as it had been through the first half of the concert. The strings began to show some ragged edges and intonation, which was very good earlier in the program, slipped to a sometimes uncomfortable level. Offsetting this was some fine wind playing, and the brass section in particular should be mentioned for its fine job on this work as well as the Hontzeas.

The group performed as a fine amateur orchestra and displayed one of the chief differences between a professional and amateur group—a lack of consistency in the level of performance. No one who attended the concert had any reason to feel dissatisfied, however, and it is fairly safe to say that this is the finest MIT orchestra in the past 6 or 7 years.

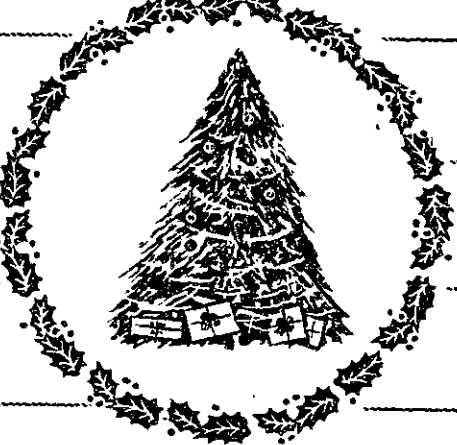
AT THE COOP IT'S

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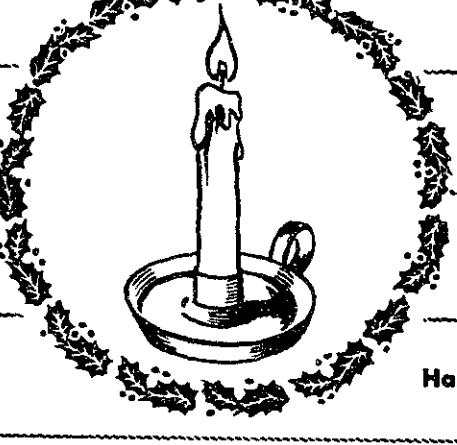


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movie schedule

Wed., Dec. 5, through Tues., Dec. 11
(Unless otherwise stated, the Sunday
schedule is the same as the weekday
schedule except no movies are shown
before 1 p.m.)

ASTOR — "The Longest Day," 8:15;
Wed., Sat., Sun., 2:00; Sun., 7:30.

BLAVON — "Phaedra," 9:30;
1:30, 3:30, 5:30, 7:30, 9:30.

BOSTON OLIVERA — "Wonderful
World of the Brothers Grimm," even-
ings 8:30, except Sun. 8:15; mat-
inees Wed. 2:30, Thurs. 1:30 and 5,
Fri. 2:30, Sat. and Sun. 1:30 and
5:00.

BRATTLE — "Tomorrow Is My Turn,"
5:30, 7:30, 9:30; matinee Sat. at
3:30. Sun.-Mon.-Tues., Philippe de-
Broca's "The Joker," Sun. at 3:30,
5:30, 7:30, 9:30, Mon. and Tues. at
5:30, 7:30, 9:30, Starting Wed., Bern-
hard Wicki's "The Bridge," 5:30,
7:30, 9:30.

CAPRI — "Boccaccio '70": "Tempta-
tions of Dr. Antonio," 10:00, 12:45,
3:30, 6:15, 9:00, Sun., 1:00, 3:45,
6:30, 9:15, "The Job," 10:55, 1:40,
4:25, 7:10, 9:55, Sun., 1:55, 4:40,
7:25, 10:10, "The Raffle," 11:50,
2:35, 5:20, 8:05, 10:50, Sun., 2:30,
5:25, 8:20, 11:05.

EXETER — "Trial and Error," 2:20,
4:10, 6:00, 7:40, 9:25.

FINE ARTS — starting Dec. 3, "Ger-
vaize," 5:00, 8:30; "The Mark,"
7:00, 10:10.

GARY — "Barabbas," evenings, 8:30,
mat. Wed. 2:30; Sat., Sun., 2:30,
5:30.

HARVARD SQUARE — Starting Thurs.
"Whatever Happened to Baby
Jane?," 2:05, 4:30, 7:00, 9:20, ex-
cept Sun., only at 7:00, 9:15.

KEITH MEMORIAL — Starting Wednes-
day, "If A Man Answers," 11:10,
2:30, 6:00, 9:25, Sun., 2:40, 6:00,
9:30; "Stagecoach to Dancer's Rock,"
9:30, 1:00, 4:20, 7:50; Sun., 1:05,
4:30, 7:55.

LOEW'S ORPHEUM — "Period of Ad-
justment," 9:40, 12:40, 3:40, 6:40,
9:40; Sun. 2:30, 5:45, 9:00; "Woman
Hunt," 11:34, 2:30, 5:30, 8:30; Sun.,
1:24, 4:40, 7:55.

MAYFLOWER — "Whatever Happened
to Baby Jane?," 10:15, 12:55, 3:35,
6:15, 8:55; Sun., 1:00, 3:30, 6:10,
8:50.

MUSIC HALL — "Manhattan"
date," 10:15, 12:34, 2:53, 5:12, 7:31,
9:50; Sun., 1:00, 3:14, 5:29, 7:48,
9:52; today, then Nov. 26 on.

MIT — Friday, "The Story of Gosta
Berling," Room 10-250, 8:30, 9:00.
Saturday, "Picnic," Room 10-250,
5:15, 7:30, 9:45.

PARAMOUNT — "Gay Pur-ee," 10:25,
1:15, 4:00, 6:50, 9:40; "Air Patrol,"
9:15, 11:55, 2:45, 5:35, 8:25.

PARK SQUARE CINEMA — "Divorcee
Italian Style," 1:30, 6:30, 7:30, 9:30.

PILGRIM — "Brain Who Wouldn't
Die," 9:45, 12:45, 3:45, 6:45, 9:45,
Sun., 1:05, 3:45, 6:45, 9:45; "Inva-
sion of Star Creatures," 12:25, 2:25,
5:25, 8:25.

SAXON — "Mutiny on the Bounty,"
Eves., 8:15, mat. Wed., Sat., Sun.,
2:15.

**WELLESLEY COMMUNITY PLAY-
HOUSE** — Dec. 5-8, "The Interns,"
7:45, mat. Wed., Sat., 2:00; Dec. 9-
10, "The Pigeon that Took Rome,"
"Carry on Sergeant," 7:45; Dec. 11,
"David Copperfield," 3:00, 7:45.

UPDOWN — "The Pigeon that Took
Rome," 11:00, 2:35, 6:10, 9:45, Sun.,
2:50, 6:10, 9:30; "Pressure Point,"
1:00, 4:35, 8:00; Sun., 1:15, 4:30,
7:50.

Theatre Schedule

ACTORS PLAYHOUSE — "American
Blues," 8:00.

CHARLES PLAYHOUSE — "Hedda
Gaber," Tues.-Fri., 8:30, Sat., 9:
00, Sun., 3:00, 7:30.

COLONIAL — "My Fair Lady," start-
ing Dec. 11, 8:30.

DONNELLY MEMORIAL — Until Dec.
9, Harry Belafonte, 8:30.

IMAGE THEATRE — "Intimate Rela-
tions," 8:30.

LOEB DRAMA CENTER — "Love for
Love," Dec. 6-15, 8:30.

SHUBERT — "I Can Get It For You
Whole," Sat., Sun.-Thurs., 8:30, Fri.-
Sat., 7:00, 9:45.

WILBUR — "In the Counting House,"
eves., 8:30, mat. Thurs., 2:15, Sat.,
2:30; starting Dec. 10, "The Milk
Man Doesn't Stop Here Anymore,"
same times.

movies...

Commercialism Hurts 'Boccaccio 70'

By Gilberto Perez-Guillermo

"Boccaccio '70" is a joint effort by three of Italy's foremost cinema directors. In the original version there were four, but the producers, thinking the film excessively long, decided to leave out the part directed by Mario Monicelli (whose hilarious "Big Deal on Madonna Street" is far better than "Boccaccio '70"). The released version, specially geared for the American market, contains three independent episodes, which must be commented on separately.

In "The Temptation of Dr. Antonio," Fellini sinks to a new low. "La Dolce Vita" was a decline from "La Strada" and "I Vitelloni" (I never quite liked "Nights of Cabiria"), but it was still good, even brilliant sometimes. "The Temptation of Dr. Antonio" is pointless, tasteless and repetitive. Some of Fellini's polished surface work is present, but the film, an attempt at satire of censorship and prudery, is seldom funny and often tiring. Once more we have a look at Anita Ekberg (who was surprisingly effective in "La Dolce Vita"), a caricature of a sex symbol, this time displayed in gigantic proportions: she appears to be about fifty feet tall. This magnification adds nothing to her (supposed) allurements or to the film's effectiveness, while increasing its tastelessness.

Visconti's episode, "The Job"

"Boccaccio '70," produced by Carlo Ponti, containing three episodes: "The Temptation of Dr. Antonio," directed by Federico Fellini; written by Mr. Fellini, Emilio Fialano and Tullio Pinelli; photography by Otello Martelli; music by Nino Rota; with the following cast: Anita Ekberg, Peppino De Filippo.

"The Job," directed by Luchino Visconti; written by Mr. Visconti and Susco Cecchi D'Amico; photography by Giuseppe Rotunno; music by Nino Rota; with the following cast: Romy Schneider, Thomas Milian and Romolo Valli, Paolo Stoppa.

"The Raffle," directed by Vittorio de Sica; written by Cesare Zavattini; photography by Otello Martelli; music adapted by Armando Trovajoli; with the following cast: Zoe, Sophia Loren, Luigi Giuliani, The Sexton, Alfio Vita. An Italian film, with English subtitles, shown at the Capri Theater, Boston.

is by far the best of the three, without being anything exceptional. It features Romy Schneider, whom I found the most attractive of the three international actresses in "Boccaccio '70." (She is also the least known in the U.S., as Visconti is the least known of the three directors.) She is used quite effectively; the strip-tease scene is well constructed, an alternation of close-ups, clever lines and (of course) rather generous views of Miss Schneider's charms, in a thoroughly amusing sequence. "The Job" is humorously ironical, and shows more depth than would be anticipated. However, the "surprise" ending is too predictable to be effective, and the film is at its best a minor one.

I would never have expected a film directed by de Sica and scripted by Zavattini (creators of such masterpieces as "Bicycle Thief" and "Umberto D") to be as mediocre as "The Raffle" (they had suffered a decline in "Il Tetto," but this is infinitely worse). "The Raffle" is a tasteless, unimaginative, seldom funny comedy, lacking even the graceful techniques that made parts of the Fellini episode bearable.

What went wrong with "Boccaccio '70"? Three top talents of the Italian cinema have produced works far below their capacities. The answer lies in commercialism. Working with a market in mind, so many concessions were made that the directorial talents have been obscured. "Boccaccio '70" will probably fulfill its main object: making money.

3 Williams One-Acts At Actors Playhouse

Three of Tennessee Williams's one-act plays are being presented at the Actors Playhouse.

These plays—"The Case of the Crushed Petunias," which has Boston for a locale; "This Property is Condemned"; and "Moon-ey's Kid Don't Cry"—were written especially for intimate theater presentation.

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"The Bridge"
5:30, 7:30, 9:30



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'Hedda Gabler' Exciting At Charles

by Charles Foster Ford

"Hedda Gabler" is an old warhorse; it is read at the beginning of all modern drama survey courses. Its surprises are as expected as those in "Oedipus Rex." And yet the Charles Players have managed to mount an exciting, vital production of it.

Perhaps it is the excellent level Playhouse stage. Not only the fourth wall is transparent here, but the third and the second as well. The result is an immediacy and involvement which makes a subtlety of acting possible.

Perhaps it is the excellent level of the acting. There is, for instance, a surprisingly believable George Tesman, Pirie MacDonald has made him a genuine human being, and not the usual flat caricature of a pedant. His good natured affability is his major trait, and so his concern over his friend's career, and his shock at his wife's cold cruelty, come as quite believable reactions.

Ejlert Lovborg is another excellently realized character. Lloyd Battista shows in his glittering eye, his nervous gestures, the tension of his stance, that Ejlert is intense, perceptive, and perhaps a bit unstable.

But perhaps it is the indestructible old Ibsen classic itself. There are stretches of dialogue which show their age; the opening scene between Tesman's aunt (Dorothy Peterson) and the family maid (Barbara Thomson) is one of these. The object here was to make out of conversational speech a vehicle for conveying vital information. Ibsen succeeds in maintaining an air of reality, but with each new fact about the newlywed Tesmans, the real expository purpose of the scene become more and more obvious.

But these lapses are brief, and hard to remember after the more vital fireworks begin. Hedda is a tired social butterfly, married to a boring pedant. Her ambition is, in some way, to shape a human destiny. Lovborg, a former suitor, enters, with a successful 'Outline of History' published, and with the notes for a more important 'Outline of The Future' in his pocket. Hedda taunts him back into the

"HEDDA GABLER"; at the Charles Playhouse. Frank Sugrue and Michael Murray present "Hedda Gabler" by Henrik Ibsen; translated by Eva Le Gallienne; directed by Michael Murray; lighting by Roger Johnson Jr.; scenery by Allen Kimmel; costumes by Jane Campbell; production supervisor Al-oysius Petrucci.

CAST
Miss Juliane Tesman Dorothy Peterson
Berte Barbara Thomson
George Tesman Pirie MacDonald
Mrs. Hedda Gabler Tesman Marcie Hubert
Mrs. Thea Rysing Elvsted Eva Stern
Judge Brack Norman Roland
Ejlert Lovborg Lloyd Battista

drunken revelry of his student days, and he loses his manuscript. Tesman finds it, but rather than return it Hedda burns it, and then tempts the desperate Lovborg to suicide. When she learns, however, that it was not the beautiful gesture of rejection she had hoped, Hedda kills herself.

This thumbnail plot leaves out two large details. The inspiration for Lovborg's books is Thea Elvsted (Eva Stern), who acted as his secretary. Since she and not Hedda had inspired Lovborg's success, Hedda could 'shape his destiny' only by destroying it.

Miss Stern played the harried, bewildered Mrs. Elvsted quite well, until act three, which dis-

played only an outline of a character. This may have been due to opening-night problems. Playing all of act two in a dress literally falling apart would be hard on anyone's nerves.

Aside from Hedda, the only real dastard of the lot is Norman Roland's Judge Brack. His ambition is to be a friend to husbands, and paramour to wives. His threat of blackmail drives Hedda finally to suicide. Mr. Roland seemed overly hesitant opening night, as though the lines were unfamiliar. He is a brilliant villain in any case.

Marcie Hubert's Hedda is a lovely, icy, heartless creature. She generates tension, without a word, the moment she steps onstage.

One startling element adds to her performance. There is the merest hint, in her voice and phrasing, of Geraldine Page. And this subliminal reference to Tennessee Williams, rather than jarring, is quite in keeping with Ibsen's play. Here is the same moneyless aristocracy, the same boredom and cruelty, the same mannered gentility stretched over a volcano of illicit sex. "Hedda Gabler" is a very modern play.

MIT Science Reporter:

'Blackboard In The Sky'

By JAMES VEILLEUX

James L. Morey, assistant department head of Mitre Corporation, discussed the latest method of air traffic control on Channel 2's MIT Science Reporter" last week.

A company which evolved from MIT's Lincoln Laboratory, the Mitre Corporation has been working under a Federal Aviation Agency contract on a computer which will alleviate many of today's air traffic headaches. It is appropriately called a "blackboard in the sky."

At the present time, traffic at air terminals is handled manually; the many computations involved in recording and predicting the flight path of hundreds of aircraft is thus subject to human error. And because there are not always enough personnel to handle this job, larger airports experience "stacking," a tie-up in which planes must circle the field at assigned altitudes until they receive ground clearance.

With the installation of computers, these difficulties will be eliminated. The computer can determine, record, and predict individual flight paths for thousands of aircraft, and recall this information at the instant command of the controller. Seated in front of a giant circular scope, he uses a "light gun" to single out the flight path of any individual plane, or several of them.

One of the most important functions of this equipment is to foresee potential collisions 15-30 minutes before they occur. When the computer detects such a condition, it teletypes a complete set of details on the collision, including suggested changes in course for the two planes, which the controller can use to determine preventative measures.

To reduce stacking at airports, the computer adjusts the flight paths of approaching aircraft so that they will land in a more efficient order.

Mitre's computer may soon be handling the complex problem of air traffic control. A major difficulty to be resolved first is the problem of enabling the controller to feed information into the computer more easily.

THE BELL TELEPHONE COMPANIES SALUTE: COLLINS POMEROY

Collins Pomeroy (B.S.E.E., 1957) after only 3 months with the company was designing important television transmission circuits for New England Telephone Company.

Because of the promise he showed on this assignment, Collins was selected by his company to attend Northeastern University to get his M.S.E.E. At the same time, he was promoted to Project Engineer.

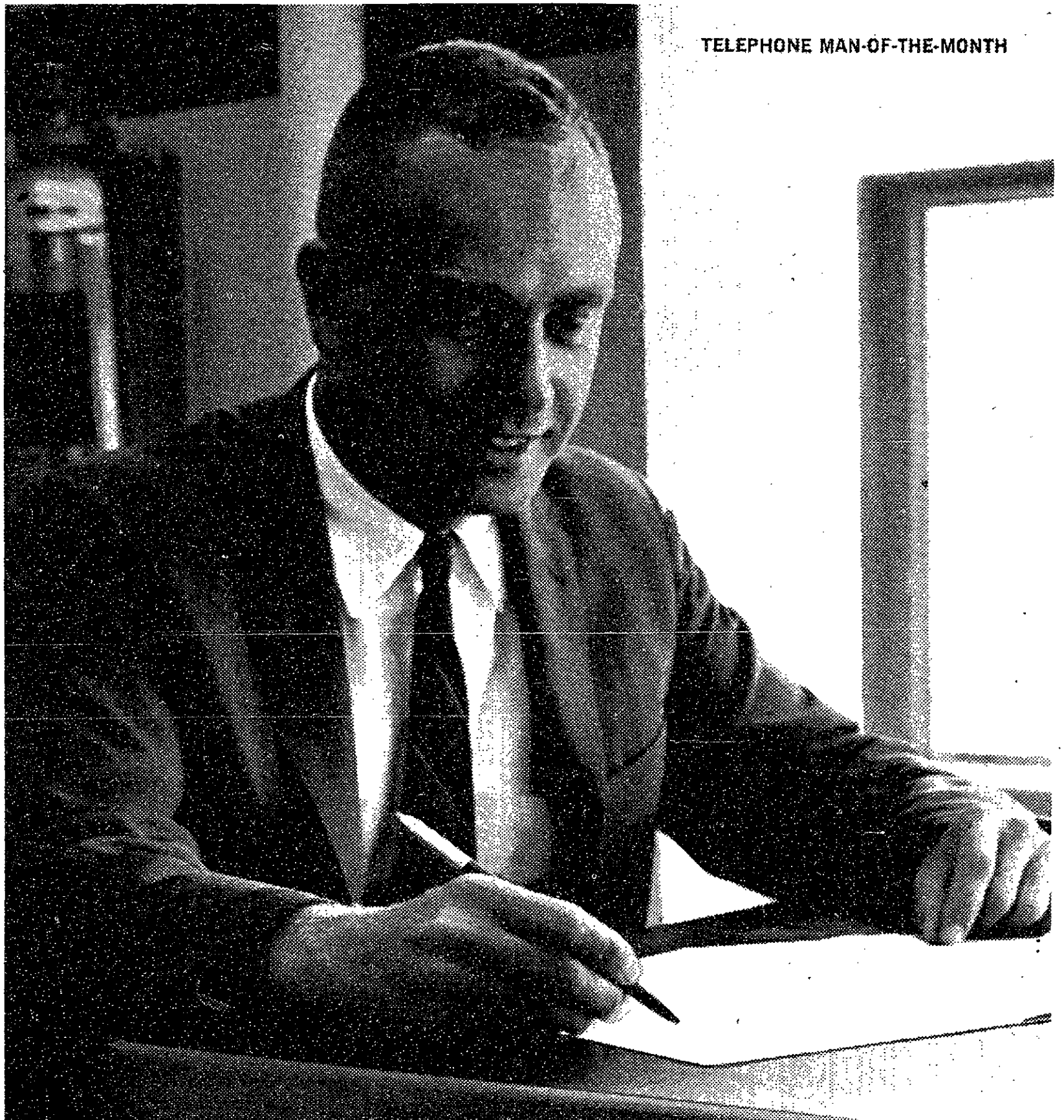
Now he is responsible for planning and designing both microwave and television circuits for Massachusetts. He is held accountable for his own decisions and those of his staff.

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GET COOPER'S AT THE COOP

'Cherchez la Femme' Rides Again

Believe it or not, there are several mixers coming up in the near future; so here's another chance for those of you whose little black books have run dry:

First on the list is a "Snowflake Mixer" sponsored by the Mass. General School of Nursing, Fri-

day, Dec. 7, 8-12 p.m., at 20 Charles Street (at the corner of Charles and Beacon). There'll be a casual atmosphere with refreshments served; and, best of all, it's free.

The next affair is being sponsored by Jackson College, Sunday, Dec. 9 in Tilton Hall, Tufts, in Medford. Admission is 25 cents and the time is 8-11 p.m. The girls have promised plenty of pre-holiday music, refreshments and fun.

Thirdly, Franklin Square House is sponsoring a semi-formal dance (i.e., a mixer) at 11 E. Newton

St. in Boston. The date is Wednesday, Dec. 12; the time, 8-12 p.m. As usual, tickets have been mailed to various social chairmen around the campus; these are required for admission, but free.

CBS Correspondents Will Meet At Kresge



Eric Sevareid

The twelve top foreign correspondents of CBS News will convene at Kresge Auditorium at 8 p.m., December 16, to analyze "1962: Year of Crisis."

Under the leadership of Eric Sevareid, chief of the CBS New York bureau, the panel will focus on the world's hot spots and on questions from the audience. Tickets at \$1.25 will be on sale in Building 10 from 12:00 to 2:00 p.m., December 10, 11, and 12.

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Dewey Dunked As Revolution Sweeps Libraries

The Library of Congress book classification system is being adopted by the MIT libraries as of next January.

This move was prompted by the state of the present system, which has not been revised in 30 years: different books can have the same call number, and the same book may be classified in different areas, depending on which department purchased it.

The Library Council, composed of the director, the associative directors, and the library's administrative heads, recently prepared a critical survey. They found the present library classification system, an adapted version of the Dewey decimal system, to be "out-of-date, inflexible, inconsistent, and costly to maintain."

The Faculty Committee on Libraries concurred and, after studying the various possibilities, chose the Library of Congress system as providing "the best overall solution, more rapid service, unique call numbers, and a constant revision of the collection."

The Library of Congress system uses both letters and numbers: capital letters are used singly or in combination to indicate subjects. Topics or divisions under these are in Arabic numerals, and books on specific topics are arranged alphabetically by author.

The Library Council then set up a committee to explore the problems of putting the system into effect, providing manuals for librarians, and explaining the new system to the public. As a pilot study, the Dewey Library in the Sloan Building was changed. Its conversion demonstrated many of the problems to be expected and showed the two systems of classification to be basically incompatible.

Currently all new books are being put on the Library of Congress system as they come in. For a while there will be two sets of books, one on the Dewey and one on Library of Congress system; these two sets will be kept separate, but will have a common card catalogue. Gradually books which are now being used frequently will be shifted from the present system to the new one.

Milgram Speaks On Analysis Of Yacht Sails

Synthesis of yacht sails was the topic of a seminar given Nov. 26 by Mr. Jerome H. Milgram, teaching assistant in the Department of Naval Architecture.

Mr. Milgram explained the various difficulties in considering yacht sails: the irregular geometry, the roll of the ocean, the wake produced by the mast, the tendency of wind to blow faster at the top of the sail than at the bottom. He also showed that yacht sails could be compared in a rough way to aircraft. Recent developments in aerodynamic research on sails were mentioned briefly.

Mr. Milgram's work has led him from analysis of the effect's of wind, angle of attack, stress, strain and roll on the sail's performance to prediction of ideal characteristics of a sail. By considering the sail to be a collection of small areas, has calculated the load necessary on each area to produce the desired efficiency. In such a manner, the weave of the sail can be made to conform to the lines of stress and strain. Thus a better sail can be produced from theoretical application.

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Student Back After Recovery From Injuries

Sigwart Survived Near-Fatal 1960 Fuel Explosion

By George McQuilken

Chuck Sigwart, the new captain of the Cross-Country Team, is a man with problems. On September 2, 1960, Chuck was standing in a storage room adjoining his home in Phoenix, Arizona, holding three ounces of zinc sulfide in his left hand. The explosive went off, and Chuck's problems began.

Twenty minutes later Chuck was on the operating table. He was in critical condition. He sustained thirty percent burns, multiple lacerations, and internal injuries. His left hand was gone at the wrist; he lost his thumb and three fingertips from his right hand. He was blind and both eardrums were punctured.

His chances of living were considered slight by everyone but Chuck himself. "A marvelous surgeon, the man who put me together," says Chuck, "but an incurable pessimist." He proved the doctor wrong though, and a year later he was back at MIT.

Chuck learned how to use an



Chuck Sigwart

artificial hand, and had his eardrums replaced at the Massachusetts Eye and Ear Infirmary. A corneal transplant gave him some vision in his right eye, though he remains legally blind.

A Course 16 man, Chuck is working for a degree in Aeronautical Engineering. The explosive he was holding at the time of his

accident was for use as a rocket propellant. Chuck was a member of the Amateur Rocket Research Organization in Phoenix, and used to fire rockets on a five mile range outside the city.

Because of his poor vision Chuck carries only about two-thirds of a normal study load. He is unable to do all of his own reading and depends on volunteers to help him with his studies.

Chuck grew up in Durand, Michigan, and moved to Parker, Arizona, when he was in junior high school. At this time he started running. The school didn't have a track team, but Chuck used to run a mile to and from school every day. He was active in organized sports though, managing three of the high school athletic teams.

After his sophomore year, Chuck moved to Phoenix, Arizona, where he attended Sunny Slope High School. He went out for track for the first time in his senior year. He ran the mile, and surprised everybody by making forty points. In only two of nine meets did he fail to win a place.

In his freshman year at Tech, Chuck ran indoor and outdoor track and cross country. He won

Now He Is MIT Cross-Country Team Captain

his numerals and was looking forward to the next season when his accident occurred. A month later Art Farnham, the track coach, received a letter from Chuck. He said that he would not be able to return to school that year because of his accident, but that he would be back the following year.

Chuck kept his word, and despite his poor vision managed to race again well enough to be elected captain of the Cross Country Team.

Chuck is still in need of volunteers to help him with his reading, especially someone who can read and tutor 16.01. Anyone able to donate an hour a week or so may contact Charles Sigwart in East Campus.

OCA TO Recruit Tomorrow

The final recruiting meeting for next summer's program of Operation Crossroads Africa will take place Thursday in the Library Lounge at 4:30.

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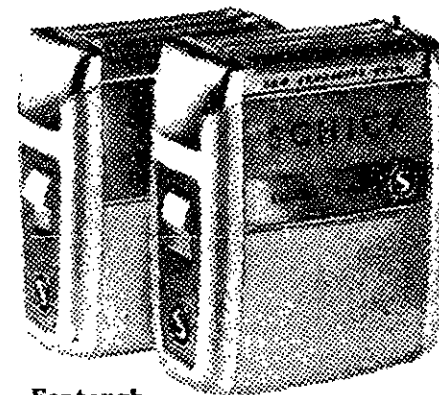


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Set For Good Season

Wrestlers Trounce Tufts, 25-9

MIT's varsity wrestling team opened its 62-63 season Saturday, and displayed the form which placed Tech second in New England last year by soundly whipping Tufts 25-9. The Tech grapplers won with five pins, losing only three close decisions.

Tech Takes Lead

In the first match, MIT's 123-pounder Owen Gabrielian '63 pinned Ernest Pigeon of Tufts in 1:36 of the first round. In the 130-pound class, Alan Rogol of MIT lost a 4-0 decision to Ernest Stewart.

Evans Set for Good Season

Co-captain Jim Evans '63, who

was undefeated last year until the finals of the New England championships, pinned Paul Elterman in 1:12, the fastest time of the meet. With this performance, it looked as if Evans might even be able to surpass his last year's record.

Chatwin, Gerrity Score Wins

Terry Chatwin '63, also second in his weight class in New England last year, pinned David Stoughton in 45 seconds of the third round. Don Frederickson '65 lost his match by a close decision to Tufts' John McAlear.

Co-captain John Gerrity '63, wrestling at 167, started on his

way to another fine season by pinning Nick Hall in seven minutes, 35 seconds.

Butler Pins Ludden

In the heavyweight division, John Butler '65 pinned Larry Ludden in 1:08 of the second round. In the one remaining match, James Postula '65 lost to Bob Donovan on a decision.

Nautical Association Meets

The Nautical Association will have its annual meeting Monday, December 11 at 5:00 in room 4-270.

8 Lettermen Return

Trackmen Open With BC

With eight lettermen and the six top sophomores returning, this year's indoor track team "could be the best in seven or eight years," says Coach Art Farnham.

And Farnham will have an opportunity to watch his charges under fire Saturday as the Engineers meet Boston College at Rockwell Cage, 12:30 P.M.

In the field events, the Engineers will have much depth with Bill Remsen '64, Bill Harper '64, and Jim Kotanchik '64 tossing the weights; Dennis Reinhardt '65 and Dave Carrier '65 doing well in the broad jump; Dave Carrier '65 and Terry Dorshner '65 high jumping; and Gary Lukis '64, John Shaner '64, Mike Keehner '65 and Ken Morash '65 working hard in the pole vault.

Hurdlers Could Have Best Year

Jim Flink '64, who amassed 45 points in 4 meets last year, Al Tervalon '65, Ken Morash '65 and Terry Dorshner '65 have combined to produce perhaps the best hurdling contingent in the past few years. The dash is the one full event, with Jim Flink '64, Forest Green '63, Dennis Reinhardt '65, Mike Parker '64, and Ken Harrow '65.

The 600 yard dash is a big question mark, but Harry Demetriou '64, Al Zobrist '64, and Len Parsons '64 all look good.

The mile run could be very strong, with team high scorer Tom Goddard '63 and hard workers Dick McMillin '65 and Mike Oliver '65 back from last year. With Chuck Sigwart '64, Roger Hinrichs '63, and Bill Purres '65 running the two-mile, the outlook for this event is good.

Freshmen Lack Depth

Freshman track generally looks

promising, but the frosh lack depth in field events. There are no competitors in the shot put or the 35-pound weight—big, fast, agile freshmen are needed badly. The hurdlers and dash men will have to gain experience, but Dave Lampert, Hubert Hawkes, Bob Wiley, Bill Klepser, Tom Jones, Rex Ross, and Dennis Sivers are promising prospects.

Tech's strongest freshman event so far seems to be the 60-yard dash, with Larry Schwoeri and Rusty Epps running very strongly. Vince McClure and John Rible are improving in the 100-yard dash. Sumner Brown, Rob Westson, Joe Olson and Jim Butler appear strong in the distance events.

Marksman Outshoot BC, New Hampshire

MIT's rifle team posted another pair of victories over Boston College Friday and the University of New Hampshire Saturday. Friday's victory over BC was by a score of 1436 to 1380. The overwhelming victory was highlighted by a score of 293 by Dave Hamada '65. Bruce Peterson '63 fired a 291 to secure second place on the team. Close on their heels were Karl Frederick '65, Jim Downward '65 and Dick Ludeman '63, all with 284s.

Peterson followed up his excellent performance of Friday by firing a 290 to lead the team to their second victory of the weekend. Peterson's 290, added to Hamada's 282, Ludeman's 281, Bowling's 279 and Frederick's 279, gave a total of 1411, far surpassing New Hampshire's 1352.

Intramural Basketball Races Tighten As Teams Vie For Playoff Berths

Competition in the IM basketball leagues became much tighter this week, as league races approached their crucial stages. There are now three weeks remaining in regular season play, with the playoffs scheduled to begin directly after Christmas vacation.

In the American League, Senior House A remained in contention for the lead along with Grad House and Paradise Cafe, by taking a 50-35 victory over Sigma Alpha Epsilon A. Lambda Chi A evened its record at 2-2 with a 55-35 win over Sigma Chi.

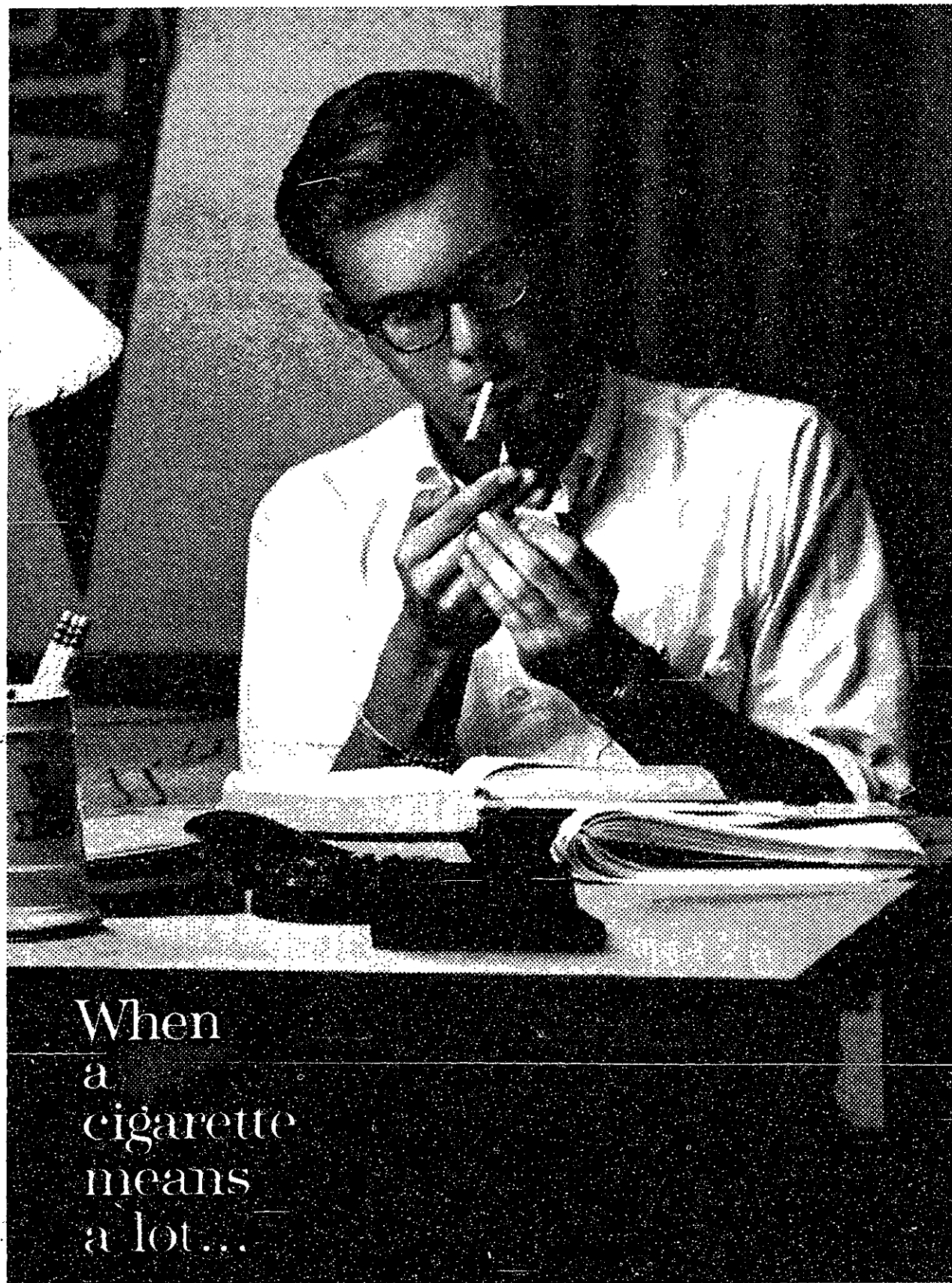
The most interesting action in the National League was Alpha Epsilon Pi's 46-40 upset over prelon A earned its first victory,

downing Theta Chi, 39-30. In the Pacific Coast League, Delta Kappa Epsilon loomed as a strong contender, taking victories this week over Chinese Students' Club and Nuclear Engineering. Phi Mu Delta downed Beta Theta Pi, 55-14, but was defeated by Graduate Management.

DU Remains Undepleted

Delta Upsilon remained undefeated in the American Association with a 43-21 score over Phi Kappa Sigma. Student House took its second win, topping Lambda Chi B by 24-21.

In the International League, Sigma Alpha Mu edged previously undefeated Phi Sigma Kappa, 37-31, to move into contention for leadership.

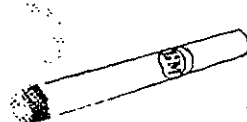


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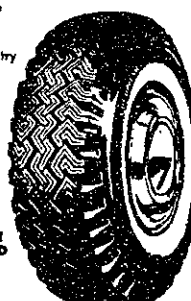
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Trinity Halts Tech's Skein, 73-72

Tech Cagers Tie In Final Seconds

MIT's 15 game glory run in basketball was ended Saturday night at Rockwell Cage. In MIT's most dramatic game ever, Trinity College of Hartford, Conn., upset the Engineers, winning in overtime 73-72.

MIT Fights to Lead at Half
Tech started out slowly and appeared tense before the large crowd. The Engineers dropped behind 9-4 in the first 5 minutes of the half. At this point MIT's two big juniors, Bill Eagleson and Jack Moter lit the spark. For 10 minutes the team played nearly flawless basketball, holding Trinity to just 8 points, and building a 29-17 spread.

Trinity took a time-out and set up their all-court press. The press was effective, and Trinity narrowed the gap to 37-29 at the half. Although Trinity's pressing defense could not steal the ball directly from the Tech backcourt combination, the Engineers were unable to get the offense functioning smoothly. Trinity repeatedly got the ball on bad passes or forced shots.

Tech Comeback Produces Tie
The visitors played very well in the second half, but Tech remained in contention as soph Bob Grady and senior co-captains Kent Groninger and Jeff Paarz took up the scoring burden.

Center Eagleson fouled out with

3 minutes remaining and Trinity took new heart. Two free-throws by Bob Voorhees built a 6 point margin for the visitors with 55 seconds left in regulation time.

There followed the most spectacular comeback ever witnessed on the Cage floor. Kent Groninger connected on a long jumper. Jeff Paarz stole the ball, was fouled, and tensely dropped a pair of free-throws. Jack Moter rebounded defensively, and Bob Grady drove the length of the court for a backhand hook that knotted the count at 63-63. Trinity's last sec-

ond shot fell badly short, to the joy of the 600 plus onlookers, and the game went into a five-minute overtime.

Bill Gish scored quickly in the overtime, and Voorhees added 3 more points for the visitors, answered only by 2 Jack Moter free-throws. Groninger hit a bank shot to cut the gap, but Moter fouled out seconds later as Trinity's good corner-man Barry Leghorn converted a 3-point play. Grady cut the lead again to 71-70 with a 3-pointer of his own, but Leghorn came back with 2 more clutch

free-throws. With 45 seconds left the battling Engineers fought back, and Groninger hit his jumper once again. Moments later Grady made a magnificent block and steal on a Trinity fast break and called time with 10 seconds left.

A Trinity guard tipped a pass intended for Grady into the backcourt, retrieved the ball, and threw it up into the Rockwell rafters as the horn sounded. Trinity 73, MIT 72.

Tonight the squad travels to Brandeis (only a 25-minute drive)

for an 8:00 engagement. Saturday MIT will oppose Wesleyan at Hartford. The next home contest will be against Bowdoin on Tuesday, December 11. Union College will invade the Cage on Saturday, December 15. The Northeastern Huskies will be in town on Tuesday, December 19. All home varsity contests have an 8:15 tap-off. The freshman team games begin at 6:30 p.m.

TRINITY (73)					MIT (72)				
Gis	Fis	Pis			Gis	Fis	Pis		
L'ghorn, f	5	8	20		Moter, f	5	5	16	
Gish	6	6	18		Paars	2	2	6	
Fenrich, c	3	4	10		Alusic	0	0	0	
Brooks, g	6	0	12		Quaid	0	0	0	
Et Voorhees	4	3	11		Eagleson, c	7	4	18	
Uphoff	1	0	2		Grady, g	7	4	18	
					Groninger	6	2	14	
Totals	26	21	73		Totals	27	18	72	
Trinity	27	36	10	-73					
MIT	39	24	9	-72					

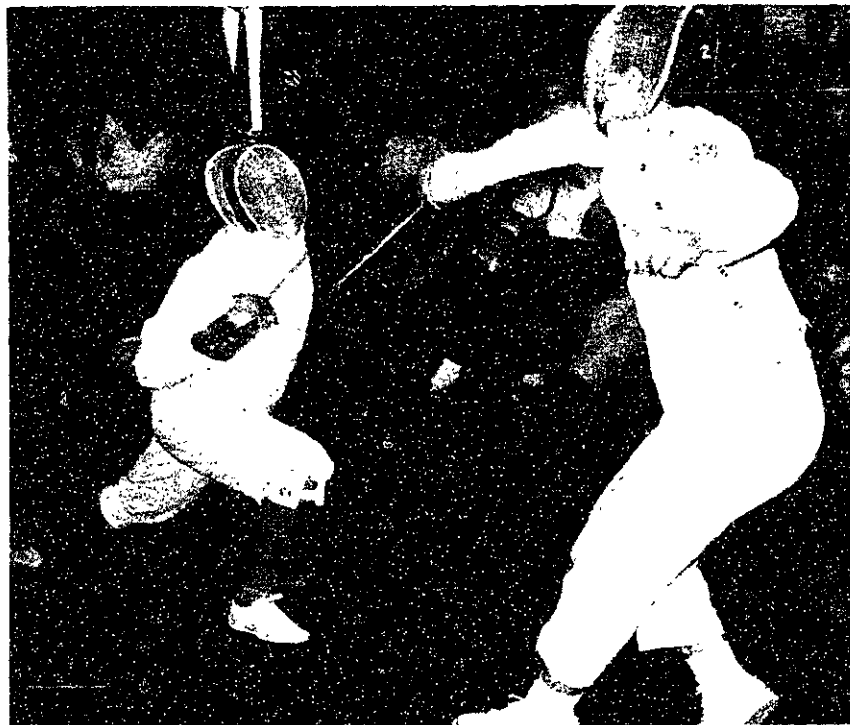
Fencers' Top Bradford-Durfee In Opener 16-11

Subs See Action In Easy Tech Win

Tech's Fencing Team opened its season last Saturday in the Dupont Athletic Center by defeating Bradford-Durfee 16-11. The outcome was decided early in the meet and Maestro Vitale was able to put in his second team, which scored the game-winning touches. In all, ten substitutes were used in fourteen out of the twenty-seven bouts. Undoubtedly the most exciting match was in epee between senior Dave Juncker and Bradford-Durfee's captain Joe Studniarz. Juncker parried Studniarz's excellent attack and repested (i.e., returned the attack) deftly to his arm to win the match 2-5.

Sabre Team Takes Lead for Tech

Action began with the sabre team who set a pattern of early wins. Steve Reznick, '63 and Art Best, '64, took all four of their bouts despite a certain lack of form that may cause them trouble against more rigorous opposition. Sophomore Bob Silverstein dropped two close bouts, 5-4 each, and won one, 3-5; his attacks were well executed, but as yet he lacks the control and timing necessary for victory. Silverstein showed that he will be a strong contender as the season progresses and he



Steve Reznick '63 parries after a successful attack in one of Saturday's fencing matches at Dupont, where the Engineers downed the swordsmen of Bradford Durfee.

—The Tech Staff Photo by Steve Teicher

gains experience. Final score in Sabre was 6-3 in favor of M.I.T.

Techmen Win By 6-3 in Foil
The foil team duplicated the sabre's record with a final score of 6-3. Junior Ralph Zimmerman was the standout performer, easily winning all three of his

Outcome Is Decided Early

doing, scored the fourteenth and winning bout for the techmen. Oppenheimer's good footwork showed that he will give the foil team some of the depth that it will need in future competition.

Subs Gain Experience in Epee

The regular epee team fenced only in the first round of competition, winning all three bouts. Thereafter, substitutes took the strip, but due to their lack of experience only one bout of the next six fenced was taken by a techman. Junior Mickey Wilber, showing the poise and calmness of a veteran, despite the fact he was not often used last year, took one bout 2-5 and lost the other one to Brad-Durfee's Studniarz 5-2.

Fencers To Meet Harvard Next

Although Wilber, Oppenheimer, and Silverstein will be capable—and improving—"fourth men" in their weapons, the team lacks the depth and experience in all three weapons that contributes to a successful season. Because of this year's demanding schedule, the second team will see only limited action on the strips. The next match is against Harvard, at M.I.T. December 12th at 7:30 p.m., and will give a good indication of whether the Cavaliers will be able to overcome their nervousness of Saturday to have a winning season.

On Deck

- Saturday, December 1**
Basketball (V) — Trinity, Home, 8:15 PM
Basketball (F) — Trinity, Home, 6:30 PM
Fencing (V) — Bradford Durfee, Home, 2:00 PM
Squash (V) — Dartmouth, Away, 2:00 PM
Swimming (F) — Bowdoin, Away, 3:30 PM
Wrestling (V) — Tufts, Away, 3:30 PM
Wrestling (F) — Tufts, Away, 2:00 PM
Tuesday, December 4
Wrestling (V) — Harvard, Home, 7:30 PM
Wrestling (F) — Harvard, Home, 6:00 PM

IM Hockey Opens PGD Wins 8-2

I. M. hockey got under way last week with action in four of the five leagues.

In the A League, defending champs Phi Gamma Delta A took the early season lead by whipping Delta Psi, 8-2, on the strength of six goals and an assist by Norm Dorf '62.

In League C, three goals by O'Connell paced Phi Mu Delta to a 4-0 win over Kappa Sigma to put them in a first place tie with Pi Lambda Phi. The Pi Lams beat Burton House 7-3 on four goals by Stuart Solin '64 and two goals and an assist by Ray Dittman '64.

League D action saw Chi Phi move into first place by shutting out Phi Kappa Theta, 8-0, on three goals each by Werner Bleyer '65 and Treilman, and two by Neil Hull '63.

Phi Kappa Sigma edged Alpha Epsilon Pi 6-5, despite four goals by Bjorn Conrad '63 in E League play. Sigma Chi moved into a tie for first place by downing East Campus 4-3. Mark Hanson '65 had three for the winners, Chu, three for the losers.

Sunday action saw a strong Lambda Chi team meet NRSA for the first game in the B League, as well as games in the A, C and E Leagues.

- I. M. Hockey Results**
Phi Gamma Delta 8, Delta Psi 2
Phi Mu Delta 4, Kappa Sigma 0
Pi Lambda Phi 7, Burton House 3
Chi Phi 8, Phi Kappa Theta 0
Sigma Chi 4, East Campus 3
Phi Kappa Sigma 6, Alpha Eps'n 5

Tech Swimmers Topped By Bowdoin 64-31

MIT's swimming teams began their season with one victory and one defeat last Saturday at Bowdoin College. The varsity was topped by Bowdoin, 64-31, while the freshmen held off Bowdoin throughout the entire meet to win by the close score of 48-46.

Varsity Wins Diving, Free-Style Relay

In the varsity meet the only

first places were made by Lou Thompson in the 1-meter diving and by Joe Schrade, Bill Brody, Henry Goldfein, and Sandy Blanchard in the 400-yard freestyle relay. Second places were taken by Eric Jensen in the 200-yard individual medley, Ron Matlin in the 200-yard butterfly, Dick St. Peters in the 500-yard freestyle

and Charles Einolf in the 200-yard breaststroke. Third places were obtained by Dick St. Peters in the 200-yard freestyle, Steve Colburn in the 1-meter diving, Sandy Blanchard in the 100-yard freestyle, Tim Sloat in the 200-yard backstroke, and Bob Bachrach in the 500-yard freestyle.

Frosh Hold Early Lead

The freshmen medley relay of Goodman, Bergmann, Cockerill, and Plice started the meet with a victory in this event, and the Tech frosh never relinquished this early lead. The Techmen took three first places in individual events. Mike Bergmann won the 200 yard individual medley in 2:34.2 and the 100 yard breaststroke in 1:12.9. Goodman placed first in the 100 yard backstroke in 1:13.6. Second places, bringing the winning points for the meet, were obtained by Stoddard in the 200 and 400-yard freestyle; Paul Trimmer in the 50-yard freestyle; Joe Smullin in the 1-meter diving; Dick Cockerill in the 100-yard butterfly; Bob Hatch in the 100-yard backstroke; and Dick Breinlinger in the 100-yard freestyle. Third places were achieved by Dave Pepperberg in the 200-yard freestyle; Dick Breinlinger in the 50-yard freestyle; Jones in the 1-meter diving; Paul Trimmer in the 100-freestyle; and John Mills in the 400-yard freestyle.

Tonight the freshmen and varsity teams swim at the University of Massachusetts. This Saturday the varsity meets Columbia at 2:00 p.m. in the Alumni Pool, while the freshmen meet Exeter at Exeter.

Frosh Sports

Grapplers, Swimmers Win

The frosh winter sports season began on an auspicious note Saturday afternoon as the wrestling and swimming teams won their opening meets. The grapplers crushed Tufts 40-0, while the mermen overcame Bowdoin 48-46. Saturday evening the freshman basketball team was downed by Trinity 68-43.

Marland Whiteman (137 lbs.), Tom Hall (147), Elliot Green (157) and Harry Moser (167) recorded pins to give Tech an easy victory in the wrestling meet. The Engineers won the other four matches by default.

This Saturday the matmen tangle with the University of Connecticut.

Bergmann Stars

Top individual performer for the swimmers was Captain Mike Bergmann who won both the 200-yard medley and the 100-yard breaststroke events. Jay Goodman emerged victorious in the 100-yard backstroke race. Tech's

other first came in the 200-yard medley relay.

Today, the natators meet Massachusetts and Saturday they race against Exeter.

Mazola, Flick Lead Scorers

In its loss to Trinity, the frosh quintet proved unable to penetrate a tight Bantam defense. Erratic ball handling cost the Engineers heavily as Trinity took full advantage of numerous Tech errors.

John Mazola and John Flick led the Engineers with 14 and 10 points respectively.

Today the cagers oppose Huntington School and Saturday they face Wesleyan.

Three other frosh squads swing into action this week. The fencing team opens its campaign against Harvard Saturday. Next Tuesday the hockey squad faces the University of New Hampshire.

Saturday marks the opening of the indoor track season, as Coach Gordon Kelly's speedsters take on the Eagles of Boston College.

How They Did

- Basketball**
Trinity 73 — MIT 72
Trinity (F) 68 — MIT (F) 43
Fencing
MIT 16 — Bradford-Durfee 11
Squash
Dartmouth 9 — MIT 0
Swimming
Bowdoin 64 — MIT 31
MIT 48 — Bowdoin 46
Wrestling
MIT 29 — Tufts 5
MIT (F) 40 — Tufts (F) 0

Second class postage paid at Boston, Massachusetts. The Tech is published every Wednesday during the college year. Except college year, it is published bi-weekly. Single copies 50¢. Subscriptions: \$2.50 for one year, \$4.25 for two years.

14E-210

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